



HUNTSVILLE

Shane Davis, P.E.
Director of Urban Development
City Engineer

Urban Development Department
Engineering Division

REDSTONE GATEWAY PACKAGE I – LAKE F

Project No. 65-12-SP23

June 29, 2012

Addendum #1

The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.

- Any bidder who designates a change on the outside of the envelope understands that any deletions or additions designated, bidder must further indicate the particular bid item relative to the deletion or addition, even if the deletion or addition references to deduct or add to the Total Base Bid.

REVISED DRAWINGS

The following sheets have been revised and are included in this addendum and are available on the COH website under this project listing for downloading: C3.0, C3.1, C3.2, C3.3, C4.0, C5.1, C5.2, C5.3, C5.4, C6.1, C7.2 and C7.3

The Star of Alabama

ALABAMA IMMIGRATION ACT (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975))

Compliance with the requirements of the (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30, commonly referred to as the Alabama Immigration Law, is required for City of Huntsville, Alabama contracts as a condition of the contract performance. The Contractor shall submit in the bid package, with the requested information included on the form, the "City of Huntsville, Alabama Report of Ownership Form" listed in this document as Attachment "H". The bidder selected for award of the contract may be required to complete additional forms relating to citizenship or alien status of the bidder and its employees, including e-verify information, prior to award of a contract.

All addenda must be acknowledged either on the outside of the bid envelope or on the second page of your bid proposal known as Attachment "B".

**Attachment: Pre-Bid Minutes
Revised Drawings**

END OF ADDENDUM #1

MANDATORY PRE-BID MEETING

DATE: Tuesday, June 26, 2012

REDSTONE GATEWAY: **Package I – Lake F**

PROJECT # 65-12-SP23

OWNER: City Of Huntsville

PROJECT MANGER: Brasfield & Gorrie L.L.C.

PROJECT ENGINEER: LBYD Civil and Structural Engineers

INSPECTIONS: Garver, LLC

SURVEYOR: Garver, LLC

GEOTECHNICAL ENGINEER: Building and Earth Sciences

1. Introduction of all persons present, their roles, chain of command, importance of submittals, etc. (PM)

HANDOUTS:

- a. Phasing Plan
- b. Redstone Security Procedures
- c. Project Directory

****** If you have questions regarding the bid process, please write them down and hold them until the end of this pre-bid meeting (#16 on agenda). If you have specific questions related to the project scope, drawings or specs, they need to be submitted in writing to B&G and will be answered and distributed to all bidders as an addendum. ******

2. Project Engineer to give a description of work specific to this bid package. Also include description of phase 1 packages (including work “by others” that will have to be coordinated with – List of work “by others” in instructions to bidders) ADEM issues and brief description of future phase 2 and 3. (PE)

- 34.5 acres
- Substation demolition
- Mass Grading +/- 200,000/CY
- 7 acre Lake, 16’ deep, with 3.3 acre bottom
- Culvert extensions

3. Project Manager to discuss Schedule of Operations, erosion control plan, disposal of debris from clearing and grubbing, undercutting and replacement, importance of soil management, milestone dates and LD’s, importance for control of concrete and asphalt temperature during hot/cold weather, safety, sinkhole remediation, other trade scope that could impact your work, etc. (PM)

- Attachment A shows 120 calendar day completion with liquidated damages
- The contractor must include in their bid erosion control and traffic control

4. The following is a list of items (but no limited to) that must be submitted per the bid document requirements that must be submitted by the prime contractor post award: (PM)

- Balanced Schedule of Values (*within 2 business days of award*)

- Site Construction Traffic Control Plan (*Prior to Construction Start*)
- Federal tax form to City (*At time of contract award*)
- Project Schedule that includes coordination with other packages and future work, time to prepare and approve shop drawings, fabricate and deliver materials and install / complete scope (*within 10 calendar days of award*)
- Payment and Performance bond (*15 Days after acceptance of proposal*)
- Shop Drawings (*Prior to Installation / Placement*)
- Weekly Safety meeting minutes and associated sign in sheets
- Any results by third party safety inspector
- Lien waivers with pay requests
- Seismic surveys / Pre-Blast surveys (*Prior to Drilling and Blasting if required*)
- Red-Line as-built drawings (*at completion of associated scope prior to owner acceptance*)

(In Addition, YOUR first pay estimate will NOT BE PROCESSED UNTIL ALL REQUIRED DOCUMENTS HAVE BEEN RECEIVED AND APPROVED).

5. Discuss all Permits, testing, surveying (Dig Permit) (PM)
 - The dig permit will be issued by Redstone Arsenal
6. Discuss Bid Form details (Attachment "B" + appropriate Proposal Form) (PM)
 - Submit 3 original bid proposals with attachments A thru I
7. Contractor is required to submit pricing in person per requirements set forth in bid documents. Failure to do so shall be cause for rejection of bid. A "balanced" detailed Schedule of values including quantities and unit prices that total up to bid Lump Sum to be submitted within two (2) Business Days as basis to establish additive and deductive changes in scope for this project. (PM)
8. Utility Project Notification – LBYD to give a description of utility requirements/conflicts. Attached: names and phone numbers of utility contractors (Pre-Bid attachment "c") for conflict assistance. Contractor is responsible for locating all utilities. (PE)
9. Discuss Submittal of Shop Drawings, as-built requirements, working drawings, material submittals, job-mix formulas in accordance with the time limits in the contract. (PE)

The approval of shop drawings by the Project Manager will cover only the features of the design and in no case shall this approval be considered to cover error or omissions in shop details or a check of any dimensions. The Contractor shall be responsible for the accuracy of the shop drawings, the fabrication of materials and the fit of all connections; and he shall bear the cost of all extra work caused by errors in shop drawings or in fabrication, inaccurate workmanship, misfits of connections or for any changes in fabrication necessary. No work shall be done on the material before the shop drawings have been approved.

Any material that the Contractor orders prior to the approval shall be at the Contractor's risk.

Substitutions or changes whether indicated or implied on shop drawings will not be considered as changes regardless of the Engineer's approval of shop drawings unless the change has been previously submitted and approved as a change order per the requirements for changes in the contract.

After a shop drawing has been approved, no changes shall be made unless directed in writing to the Owner and acceptance by the Owner of said changes. Any acceptance of change by the Owner does not constitute a change to the contract unless that change has been approved and directed in writing per change order. Compensation for preparing and furnishing all shop and working drawings shall be included in the contract unit prices for the various items of work.

10. Project Engineer & Project Manager to discuss plans and specs:
 - a. A review of the plans should be made with emphasis placed on unusual construction features and special drawings (PE)
 - Demolition of substation is required
 - Landscaping, Irrigation and Hardscape (sidewalks) will bid separately at a later date
 - b. Specifications should be discussed with emphasis on time charges, extra work, materials, etc. (PM)
 - Robert Adams/BES noted that the clay liner must be installed at 98% compaction and 2% above optimum moisture
 - c. State of Alabama classification of MU and HS for this project, (PM)
 - State of Alabama General Contractor' license is required
11. Project Manager to discuss Bid Process and Special Provisions (Instructions to Bidders). (PM)
 1. Each item (attachments) of the contract should be read out and any questions concerning the method of measurement or payment discussed.
 2. Discuss Milestone and Calendar days to complete project. (ask if there any concern that contract cannot be completed within contract time specified.)
 3. Introduction and explanation of any revisions to Supplement to General Requirements.
 - Contractors were advised to pay close attention to the Instructions to Bidders
12. Sequence of Construction and Traffic Control with the contractor made aware of his/her responsibility to handle traffic safely through the work zone. The method of payment for traffic control shall be discussed and clearly understood. (PM)
 - Bidders must include traffic control in their bid
13. For any trench cuts within existing roadways, Contractor is required to patch area with asphalt mix within the same day, unless otherwise specified by the Engineer. (Dense graded Base is no longer an acceptable means of traffic control within existing roadway cuts.) (PM)

14. Discuss Redstone Arsenal Security Information for any work “inside” the Redstone Arsenal Security Fence. Security Badges to be coordinated through Brasfield and Gorrie and contractors should allow a minimum of 2 weeks for approval.
 - The mass grading scope is outside Redstone Arsenal however the electrical overhead line demolition will require security badges
15. Successful contractor will be required to sign the following statement, included as part of the contract: (PM)

The Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30 (also known as and hereinafter referred to as “ the Alabama Immigration Act”) as amended by Act No. 2012-491 on May 16, 2012 is applicable to all competitively bid contracts with the City of Huntsville. As a condition for the award of a contract and as a term and condition of the contract with the City of Huntsville, in accordance with § 31-13-9 (a) of the Alabama Immigration Act, as amended, any business entity or employer that employs one or more employees shall not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama.

During the performance of the contract, such business entity or employer shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The business entity or employer shall assure that these requirements are included in each subcontract in accordance with §31-13-9(c). Failure to comply with these requirements may result in breach of contract, termination of the contract or subcontract, and possibly suspension or revocation of business licenses and permits in accordance with §31-13-9 (e) (1) & (2).

Code of Alabama (1975) § 31-13-9 (k) requires that the following clause be included in all City of Huntsville contracts that have been competitively bid and is hereby made a part of this contract:

“By signing this contract the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.”

Contractor’s E-Verify Memorandum of Understanding shall be a part of the contract bid documents and shall be submitted with the bid package.

16. Any Prime Contractors should be given the opportunity to ask questions or discuss items with which they are concerned. (PM)
 - See Q&A section after item 18 below

17. All questions need to be sent in writing to Matt Kelley (COH Project Manager) at mkelley@brasfieldgorrie.com. All questions / clarifications will be answered by an addendum. The pre-bid notes and all addenda shall become a part of the contract documents.
18. Last day for questions concerning this project before the bid will be Friday, June 29, 2012 at 11:00 a.m. to Matt Kelley at mkelley@brasfieldgorrie.com or fax to Matt Kelley at 205-714-1399. Final Addendum will be issued no later than Monday, July 2, 2012 at 9:00 a.m.

CONTRACTOR QUESTIONS:

1. Q. Is a demolition permit required for this scope of work?
A. No.
2. Q. How many original copies of the bid proposal are required?
A. 3/ea originals are required.
3. Q. Will Huntsville Utilities provide the material for the water lines show on drawings?
A. No, the material cost for water line must be included in your bid.
4. Q. Will the scope of work for the water line at Market Street be removed from this bid?
A. No.
5. Q. Will Redstone Arsenal charge any fees for dumping the petroleum contaminated soils?
A. No.
6. Q. Can the Contractor legally transport the petroleum contaminated soils to the Redstone Arsenal contaminated soils recycling facility?
A. Yes provided the truck remains on the EUL/Redstone Arsenal property.
7. Q. What does the copper grounding mat under the electrical substation consist of and can it be salvaged?
A. The contractor can salvage the copper grounding mat under the three stations. The copper grounding mats are made of 5/8" welded copper and the grid is installed on 8' centers at minimum. It should be noted that the grid in some areas may be installed on 4' centers but the exact area/location is not known. The grid is installed approximately 18" to 24" deep.
8. Q. What material will be used for the pond?
A. Onsite clay will be used for the pond liner and must be installed at 98% compaction with moisture content 2% above optimum. Materials used for the pond liner should not be lime treated.

9. Q. How thick is the pond liner?
A. 1' thick, so 2/ea 6" lifts of fill will be required.
10. Q. How will the pond liner be protected from drying out?
A. The Contractor will be required to install 4" of topsoil over the pond liner side slopes, 2 feet of topsoil within the littoral zones, and sequence this work to keep the pond liner from drying out. See detail on C7.2. The littoral zones are 2' deep. The elevation of littoral zones will be from EL = 630.50 to EL 632.50 (noted by dashed contours on grading plan).
11. Q. Who has the ADEM permit?
A. The ADEM permit is in L.W. Redstone's name who is the Developer. The Contractor will be responsible for maintaining all erosion control devices as required by ADEM and following all ADEM requirements. The contractor will be responsible for any ADEM fees/fines if incurred due to the Contractor's negligence during the construction of Package I.
12. Q. Is there a specific bid bond form?
A. No, a standard AIA bid bond form is acceptable.
13. Q. Is there existing topsoil onsite or has it already been stripped?
A. There is an existing 4" layer of topsoil onsite. However it should be noted that the bottom of the existing detention pond does not have any topsoil. There is also a large topsoil stockpile located in Redstone Arsenal approximately 1.5 miles west of the project off of Overlook Road that can be utilized. The Contractor will be required to repair the haul route if damaged during hauling operations as well as fine grade and seed the stockpile area that is disturbed upon completion.
14. Q. What is the length of the CS 8x6 Equalizer Box Culvert on the Southside of the proposed Lake F?
A. 8'x6' Equalizer Box Culvert is 52 linear feet and should be constructed with ALDOT detail standards. See Addendum #1 drawings.
15. Q. Where Line J ties to the existing box culvert at Sta. 0+77.11 the profile sheet calls out a Junction Box that will be in excess of COH Standards. Is there a special Junction Box detail?
A. See detail provided in Addendum #1 drawings.
16. Q. Storm Line A-2 and Line A-3 are shown on the profile sheet to be Box Culverts, and are shown in profile as being part of the 54LF of Outlet Control Structure. On Storm Lines A-2 and A-3 do ALDOT Standards control or does Section B-B on Sheet C7.2 control?
A. Design in Section B-B on Sheet C7.2 controls. See notes added in Addendum #1 drawings.

17. Q. What are the fill heights on the required box culverts as these are not shown on the plans and change drastically around Lake F?
A. Fill height design requirements were added to profiles on C5.3 and C5.4. See Addendum #1 drawings.
18. Q. The end of the F-Line and C-Line spec out a Pre-Cast wing detail will Cast-In Place Wings be allowed? If so which standards will be used? Will there be an apron required as shown in the PCC-524?
A. Yes, Cast-In Place wing-walls will be allowed on Storm Line F-1 and ALDOT standards are to be used and an apron will be required as shown on PCC-524.
19. Q. If the contractor elects to use Pre-Cast Box Culvert units by what means will the engineer require the units be made watertight for the entire design life of the project?
A. Pre-Cast Box Culverts will be required to be water tight. Additional information regarding the water proofing method will be issued in a separate Addendum.
20. Q. Can excess material be stockpiled onsite?
A. No all excess material, including topsoil, must be hauled offsite.
21. Q. Does offsite mean hauled off the project and the Arsenal?
A. Yes.
22. Q. Is the fill material to be placed around the lakes for building pads?
A. The exact use of the fill areas is not know at this time therefore all fill material must be placed at 98% compaction per the specifications.
23. Q. If the fill materials cannot meet the moisture content required by the specifications will the Contractor be responsible for adding lime or mechanically drying the material?
A. Yes.
24. Q. Will all 35 acres be disturbed?
A. Yes.
25. Q. Are there foundations associated with substation that will have to be removed or can the foundations be left below grade?
A. There are foundations that must be removed. The substation area will be excavated to become part of the lake so no foundations can be left below grade. If additional information regarding the substation foundations is obtained from Redstone Arsenal it will be issued in a separate Addendum.
26. Q. Can the concrete footings be used as fill?
A. No.
27. Q. What is the preferred method to access the site?

A. Access should be coordinated with Brasfield & Gorrie, the PM for the City of Huntsville, however there is a turnout on the North end of the project site that can be utilized. Since Redstone Gateway is a completed roadway the Contractor will be responsible for daily clean up and repairs if damaged during construction of Package I.

28. Q. Will the Contractor be responsible for storm water that comes down the existing A line?

A. Yes the Contractor will be responsible for dewatering as required to complete their scope of work. See Grading Note #17 and Erosion Control Note #11 on sheet C1.0.

29. Q. Is the existing substation still there and are there any hazardous materials?

A. Yes the existing substation is still there and Redstone Arsenal is in the process of removing a list of 11/ea salvageable items. The list of salvageable items has been posted on the City of Huntsville Website under the Redstone Arsenal Electrical Substation link. No hazardous materials are present.

30. Q. Are we responsible for grading for the sidewalks and what is the tolerance?

A. Yes grading must be installed per the plans and within +/- .10'.

31. Q. Will topsoil be installed where the future sidewalks are to be installed by the Package I-2 Contractor?

A. Yes.

32. Q. Is the site supposed to be balanced?

A. Yes, the Contractor must work with owner to balance site throughout the construction process (Site design is intended to be a balanced site). In addition, utility spoils to be incorporated in overall cut/fill requirements. If additional fill material is needed the bottom of the pond can be excavated deeper to create more fill. However the Contractor must extend the pond liner and topsoil down the sides as required. It should also be noted that the flow lines for the storm drainage will not be changed.

33. Q. Is there a concrete spillway?

A. No, the outlet control structure is a box.

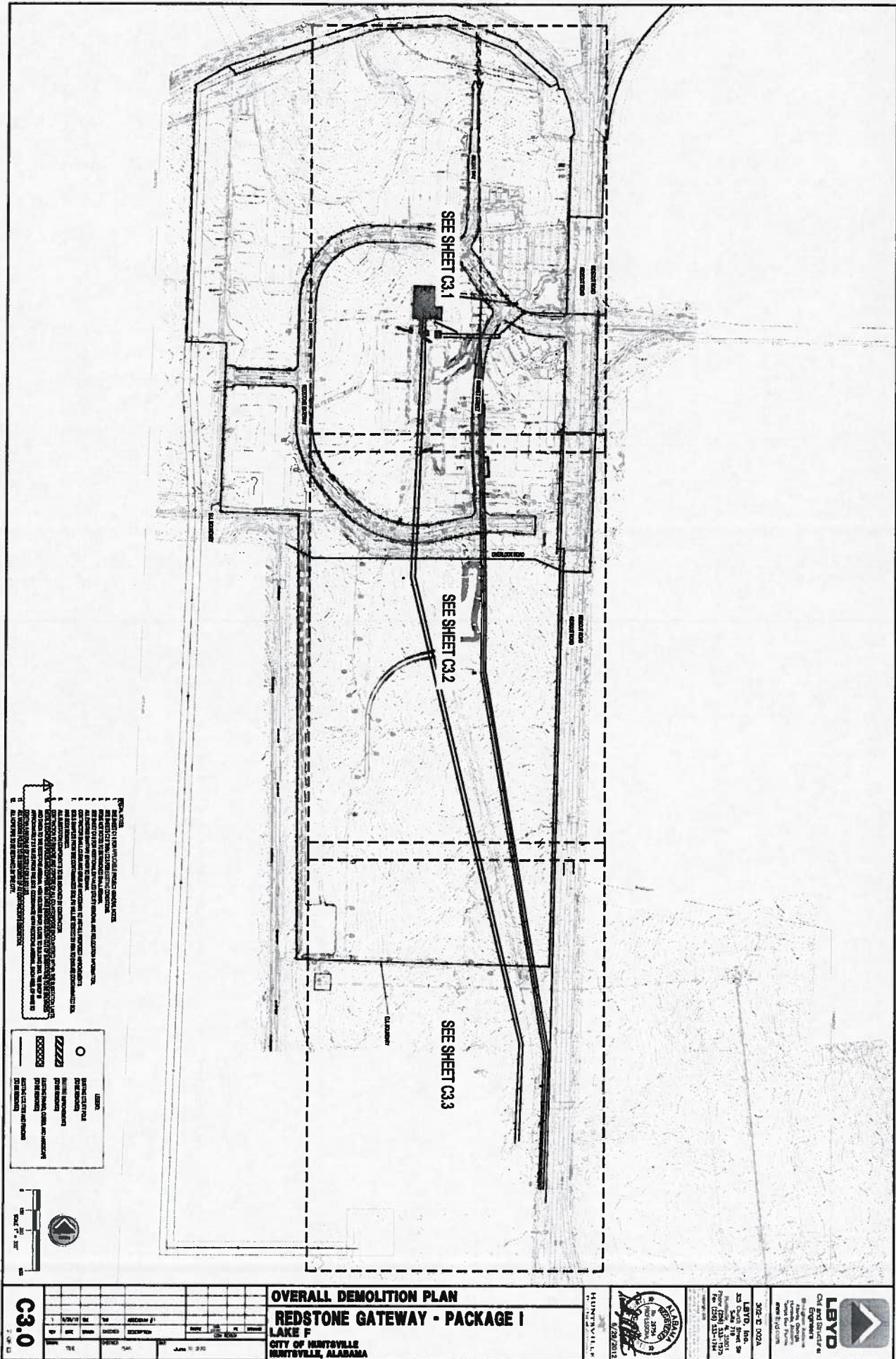
34. Q. Will 4" of topsoil be installed over the entire project?

A. Yes except the lake pond liner will receive 2 feet of topsoil within the littoral zone and 4" on the lake side slopes. See detail on Sheet C7.2. The littoral zones are 2' deep. The elevation of littoral zones will be from EL = 630.50 to EL 632.50 (noted by dashed contours on grading plan).

35. Q. Is there any sinkhole remediation required in the bid?

A. No.

36. Q. Per Site Demolition Note 1 on Sheet C1.0 Redstone Arsenal will retain concrete and metal poles. Will they retain any overhead lines?
A. Yes, Redstone Arsenal will retain the 46kV copper lines south of the substation. The Contractor shall deliver the copper lines to the high voltage storage yard located near building 3542 on Redstone Arsenal. The copper lines shall be rolled on reels/spools with 1 conductor per spool and the reel/spools shall not exceed 3000/LF or 2000/lbs.
37. Q. Will any revised drawings be issued with this Addendum?
A. Yes Addendum #1 revised Sheets C3.0, C3.1, C3.2, C3.3, C4.0, C5.1, C5.2, C5.3, C5.4, C6.1, C7.2, and C7.3.



NOTES:
 1. ALL EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO DEMOLITION.
 2. ALL EXISTING STRUCTURES TO BE DEMOLISHED ARE SHOWN WITH A HATCHED PATTERN. THE CONTRACTOR SHALL DEMOLISH ALL STRUCTURES TO THE BASE OF THE FOUNDATION.
 3. ALL EXISTING PAVEMENT TO BE DEMOLISHED IS SHOWN WITH A HATCHED PATTERN. THE CONTRACTOR SHALL DEMOLISH ALL PAVEMENT TO THE SUBGRADE.
 4. ALL EXISTING CURBS AND GUTTERS TO BE DEMOLISHED ARE SHOWN WITH A HATCHED PATTERN. THE CONTRACTOR SHALL DEMOLISH ALL CURBS AND GUTTERS TO THE SUBGRADE.
 5. ALL EXISTING FENCES TO BE DEMOLISHED ARE SHOWN WITH A HATCHED PATTERN. THE CONTRACTOR SHALL DEMOLISH ALL FENCES TO THE POSTS.
 6. ALL EXISTING SIGNAGE TO BE DEMOLISHED IS SHOWN WITH A HATCHED PATTERN. THE CONTRACTOR SHALL DEMOLISH ALL SIGNAGE TO THE POSTS.

	EXISTING STRUCTURES TO BE DEMOLISHED
	EXISTING PAVEMENT TO BE DEMOLISHED
	EXISTING CURBS AND GUTTERS TO BE DEMOLISHED
	EXISTING FENCES TO BE DEMOLISHED
	EXISTING SIGNAGE TO BE DEMOLISHED



C3.0	DATE	11/28/2012
	SCALE	AS SHOWN
1" = 50'	BY	J. L. BRYAN
	CHECKED	J. L. BRYAN
1" = 50'	DATE	11/28/2012
	SCALE	AS SHOWN
1" = 50'	BY	J. L. BRYAN
	CHECKED	J. L. BRYAN

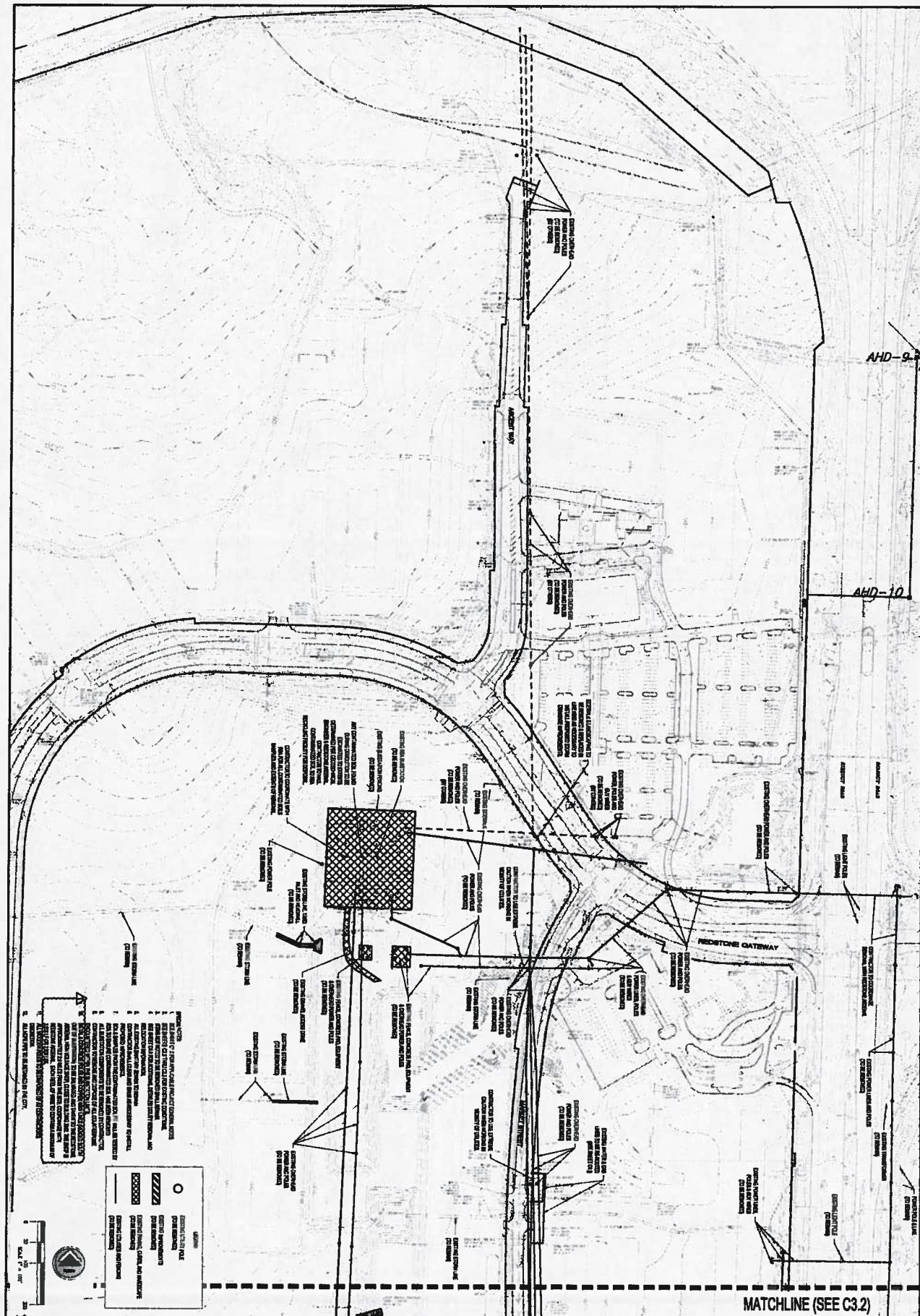
OVERALL DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

HUNTSVILLE
 ALABAMA



302.33.0024
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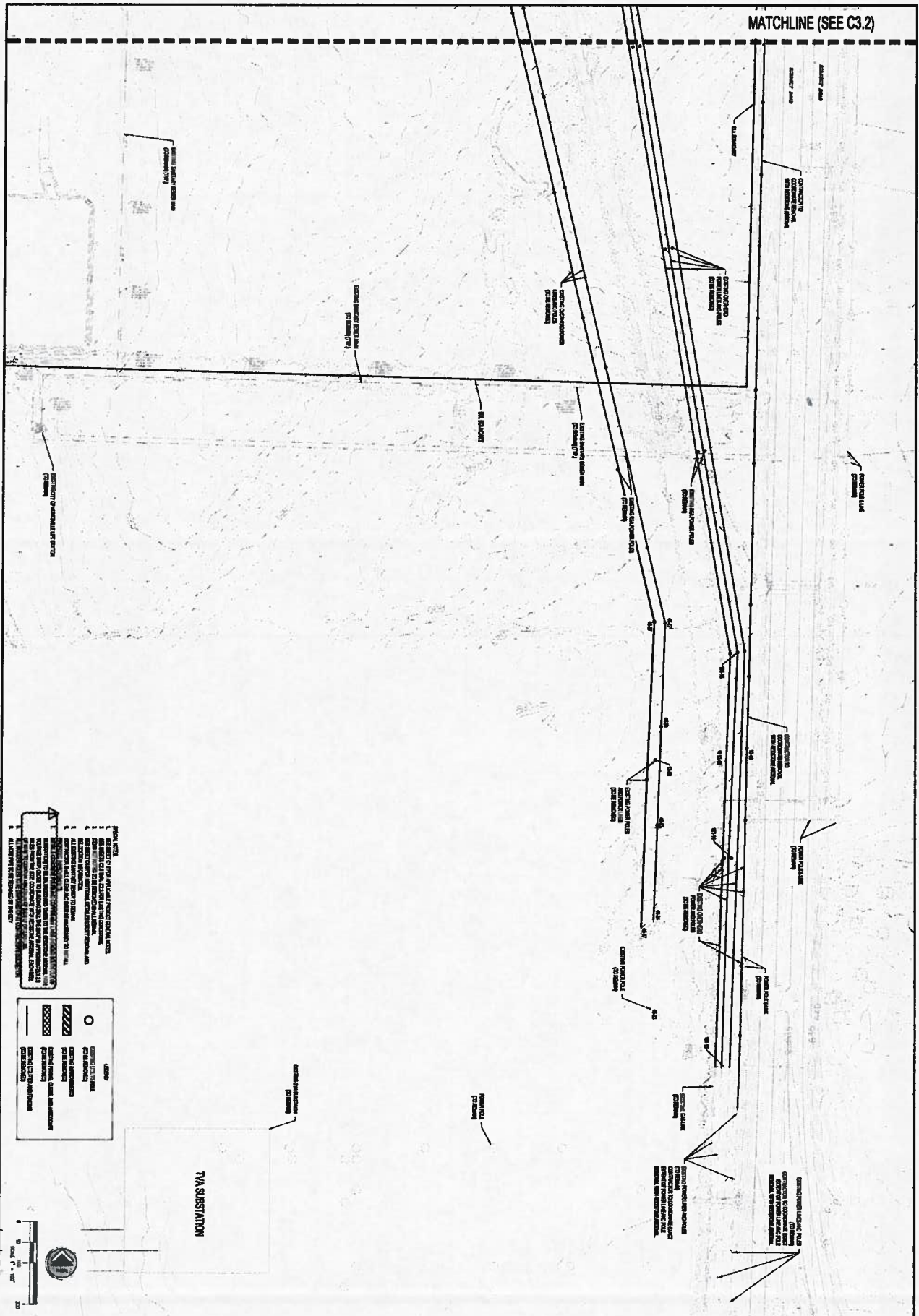
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DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

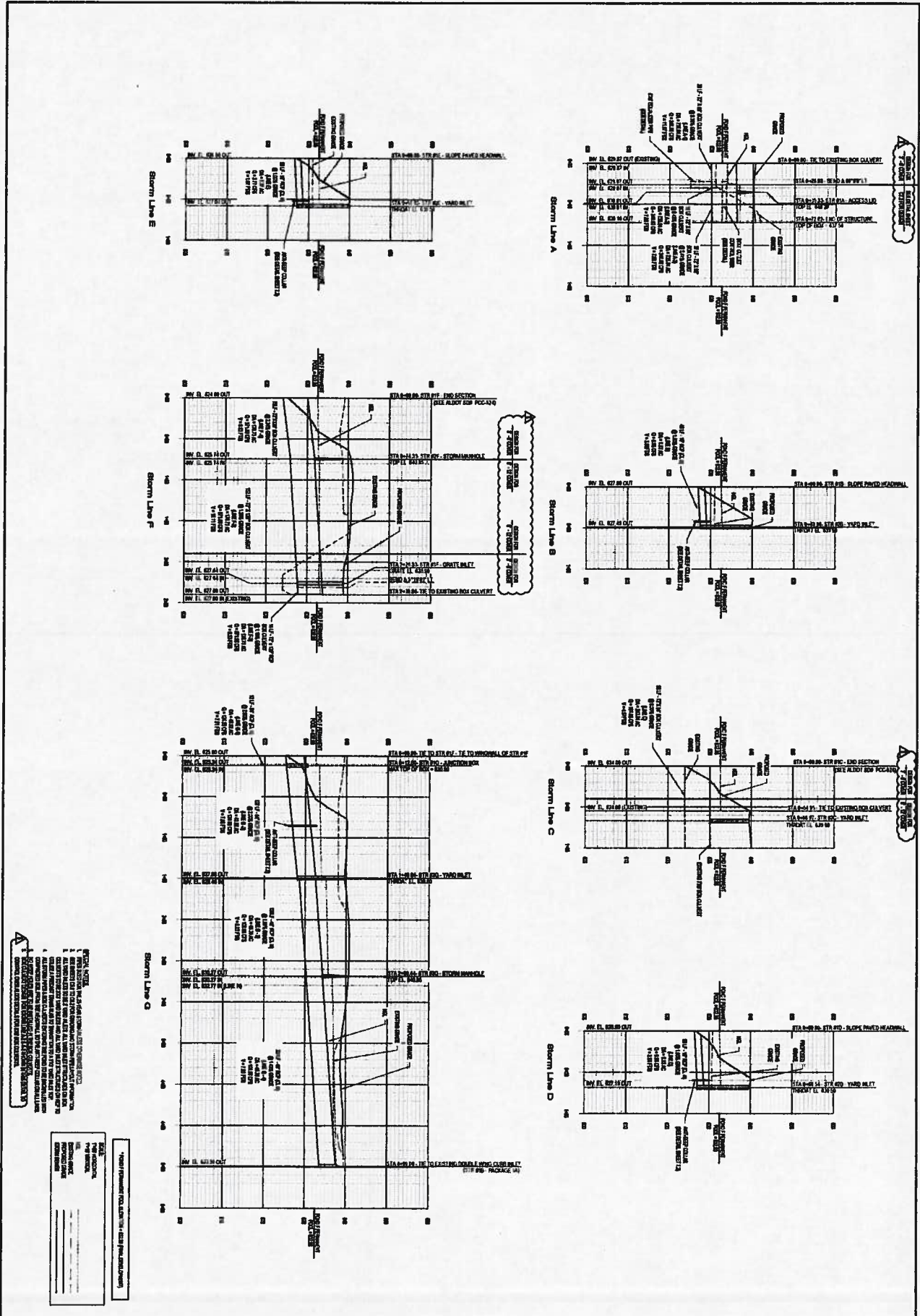
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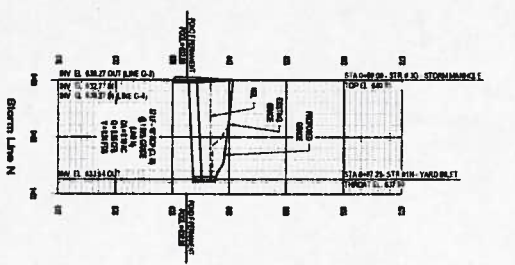
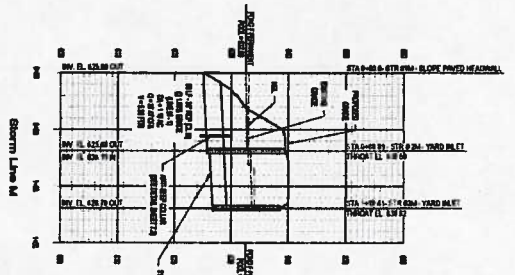
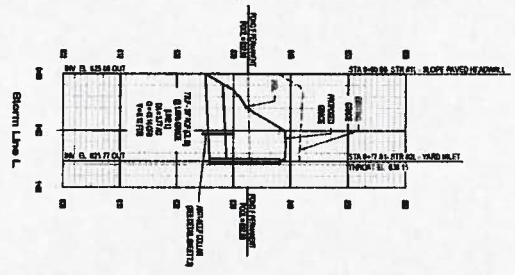
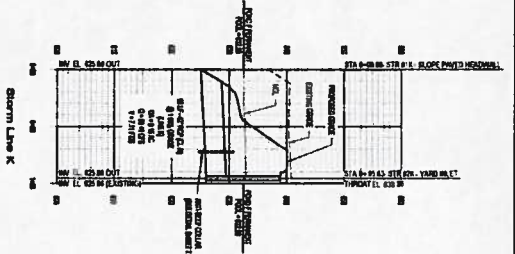
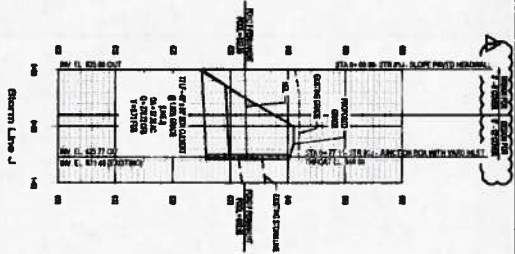
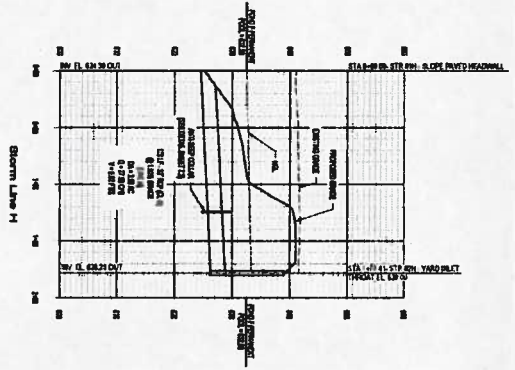
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HUNTSVILLE
 6/29/2012



C3.3 12/29/2012		DEMOLITION PLAN REDSTONE GATEWAY - PACKAGE 1 LAKE F CITY OF HUNTSVILLE HUNTSVILLE, ALABAMA		LEGEND EXISTING STRUCTURE PROPOSED STRUCTURE CONCRETE PILING DEMOLITION		SCALE 0 50 100 200 FEET		NOTES 1. ALL EXISTING STRUCTURES TO BE DEMOLISHED. 2. ALL PROPOSED STRUCTURES TO BE CONSTRUCTED. 3. ALL CONCRETE PILING TO BE INSTALLED. 4. ALL DEMOLITION TO BE COMPLETED BY 12/31/2012. 5. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2013. 6. ALL DEMOLITION TO BE COMPLETED BY 12/31/2014. 7. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2015. 8. ALL DEMOLITION TO BE COMPLETED BY 12/31/2016. 9. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2017. 10. ALL DEMOLITION TO BE COMPLETED BY 12/31/2018. 11. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2019. 12. ALL DEMOLITION TO BE COMPLETED BY 12/31/2020. 13. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2021. 14. ALL DEMOLITION TO BE COMPLETED BY 12/31/2022. 15. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2023. 16. ALL DEMOLITION TO BE COMPLETED BY 12/31/2024. 17. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2025. 18. ALL DEMOLITION TO BE COMPLETED BY 12/31/2026. 19. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2027. 20. ALL DEMOLITION TO BE COMPLETED BY 12/31/2028. 21. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2029. 22. ALL DEMOLITION TO BE COMPLETED BY 12/31/2030.		LEGEND EXISTING STRUCTURE PROPOSED STRUCTURE CONCRETE PILING DEMOLITION		SCALE 0 50 100 200 FEET		NOTES 1. ALL EXISTING STRUCTURES TO BE DEMOLISHED. 2. ALL PROPOSED STRUCTURES TO BE CONSTRUCTED. 3. ALL CONCRETE PILING TO BE INSTALLED. 4. ALL DEMOLITION TO BE COMPLETED BY 12/31/2012. 5. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2013. 6. ALL DEMOLITION TO BE COMPLETED BY 12/31/2014. 7. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2015. 8. ALL DEMOLITION TO BE COMPLETED BY 12/31/2016. 9. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2017. 10. ALL DEMOLITION TO BE COMPLETED BY 12/31/2018. 11. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2019. 12. ALL DEMOLITION TO BE COMPLETED BY 12/31/2020. 13. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2021. 14. ALL DEMOLITION TO BE COMPLETED BY 12/31/2022. 15. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2023. 16. ALL DEMOLITION TO BE COMPLETED BY 12/31/2024. 17. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2025. 18. ALL DEMOLITION TO BE COMPLETED BY 12/31/2026. 19. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2027. 20. ALL DEMOLITION TO BE COMPLETED BY 12/31/2028. 21. ALL CONSTRUCTION TO BE COMPLETED BY 12/31/2029. 22. ALL DEMOLITION TO BE COMPLETED BY 12/31/2030.	
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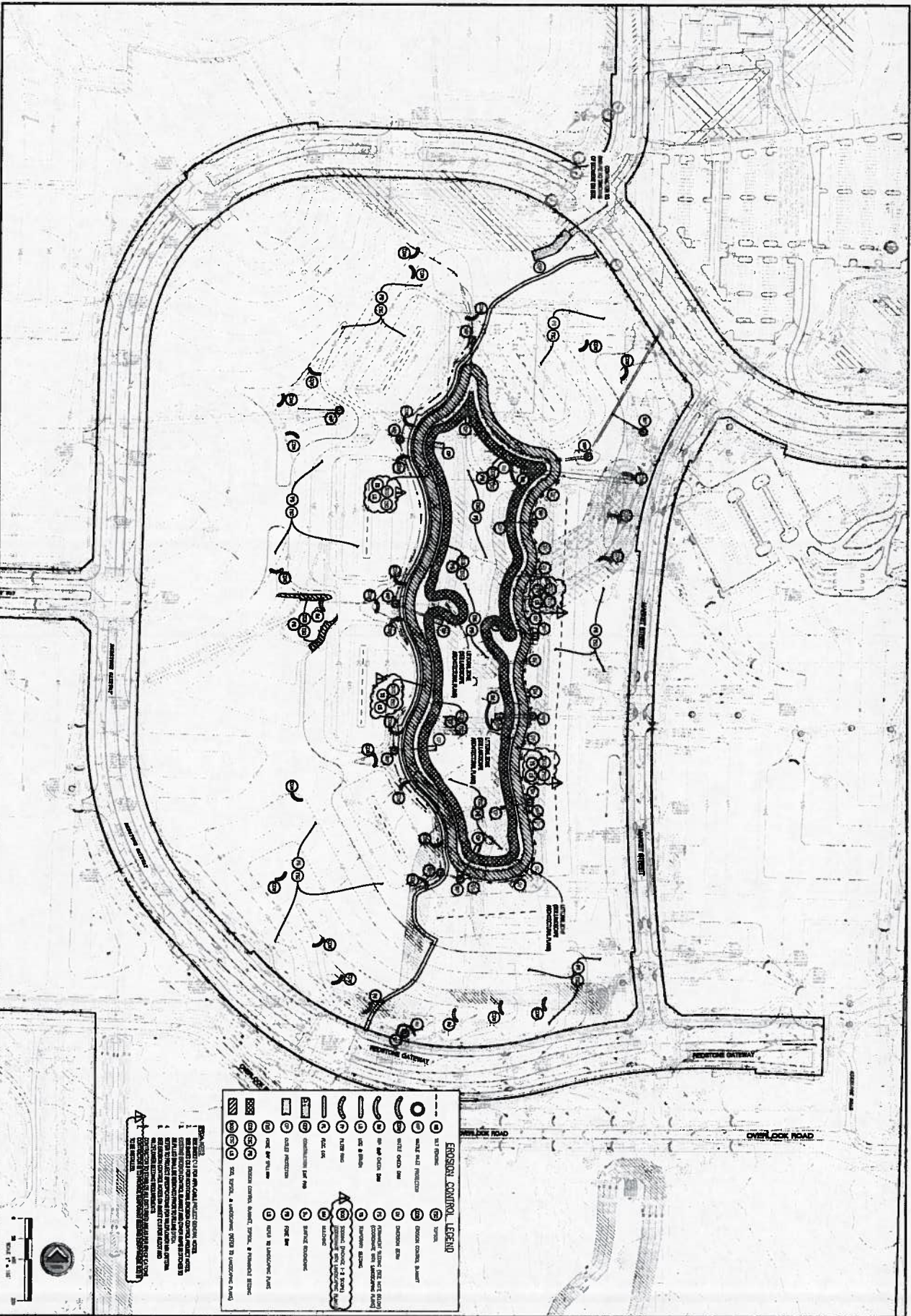
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE ALABAMA DEPARTMENT OF REVENUE STANDARD SPECIFICATIONS FOR WATERWAYS AND MARINE FACILITIES.
 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE ALABAMA DEPARTMENT OF REVENUE STANDARD SPECIFICATIONS FOR WATERWAYS AND MARINE FACILITIES.
 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE ALABAMA DEPARTMENT OF REVENUE STANDARD SPECIFICATIONS FOR WATERWAYS AND MARINE FACILITIES.
 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE ALABAMA DEPARTMENT OF REVENUE STANDARD SPECIFICATIONS FOR WATERWAYS AND MARINE FACILITIES.
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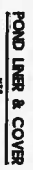
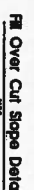
NO.	DESCRIPTION	DATE
1	REVISION	
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	

CS.4

STORM PROFILES
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CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA


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 202 S. 202A
 LAYO, INC.
 3000 CHURCH STREET SW
 HUNTSVILLE, AL 35891
 PHONE (256) 521-1100
 FAX (256) 521-1101
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REVISION LIFE PACE LENGTHS				
REV REV	S-423-14			
	REV-0000	CHG-0000	REV-0000	REV-0000
1	0	1	1	1
2	2	2	2	2
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7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

